State	Demonstration Projects	Commercial Projects	Total
Madhya Pradesh	3.050	51.240	54.290
Andhra Pradesh	0.590	9.000	9.590
Maharashtra	4.600	0.770	5.370
Karnataka	2.575	3.270	5.845
Kerala	2.025	—	2.025
Orissa	1.100	—	1.100
Others	0.465	—	0.465
TOTAL	51.105	849.265	900.370

Ocean thermal and sea wave power potentials

4341. SHRI PREM CHAND GUPTA: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) Is it a fact that the potential for Ocean Thermal and Sea Wave Power is over 70,000 MW?

(b) if so, what is the govt. doing to exploit this potential especially since are having over 3,000 km of coast line?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (CAPT. JAI NARAIN PRASAD NISHAD): (a) The estimated potential for Ocean Thermal & Sea Wave Power is of the order of 70,000 MW.

(b) The technology for harnessing Ocean Energy is still in the development stage all over the world. On a proposal from a U.S. Company for the installation of a 100 MW power plant based on Ocean Thermal Energy Conversion (OTEC) technology off the coast of Tamil Nadu on Build-Own-Operate (B-O-O) basis, an MOU was signed between Tamil Nadu electricity Board and Govt. of Tamil Nadu with the U.S. Company in 1994. The Tamil Nadu Govt. has recently cancelled the above MOU. However, the Ministry is examining the development of a smaller, shore-based, OTEC power plant.

An experimental 150 KW peak capacity oscilliating water column (OWC) Wave Power Plant has been set up in 1991 at Vizhinjam near Trivandrum on the Kerala coast by the Indian Institute of Technology, Madras under the aegis of the Department of Ocean Development. Another pilot project for harnessing a Wave Power Plant of 1 MW capacity using the principle of wave induced small hydro, is being examined for Andaman & Nicobar Islands.

Implementation of Roster System in Autonomous Bodies/Secretariats

4342. SHRI GHUFRAN AZAM: Will the PRIME MINISTER be pleased to state:

(a) the names of Autonomous Bodies/Secretariats in the Government of India as on 31.3.1997;

(b) whether Government are aware that the 40 Point Roster System has not been implemented in some of the Departments;

(c) the details of Secretariats which have been exempted from the Roster System and where uniform qualifying service has been prescribed for employees of all the categories in Departmental promotions on seniority basis;

(d) whether Government would ensure that the Roster System is implemented in Central Government Offices and in all the Autonomous Bodies/Secretariats;

(e) if so, the details thereof; and

(f) the details of the existing rules of Government to ensure effective implementation of the above Roster System?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL PUBLIC GRIEVANCES AND PENSIONS AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS. (SHRI S.R. BALASUBRAMONIYAN): (a) to (h) The Autonomous Bodies which are in